

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1-33. (Canceled)

34. (Previously Presented) An image pickup system comprising a commander, a video camera and a display device;

wherein said commander is shaped so as to be held by a user in one hand, said commander includes:

command information storing means for storing a plurality of kinds of command information;

command information generating means for generating a plurality of kinds of command information which correspond to a plurality of different operations performed by a user, the generation of the command information being carried out on the basis of said plurality of kinds of command information which are stored in said command information storing means; and

transmitting means for transmitting said command information as transmitted information;

wherein said video camera includes:

image pickup means for obtaining an image pickup signal by imaging an object;

receiving means for receiving said transmitted information;

recording and reproducing means for recording and reproducing said image pickup signal to and from a recording medium;

image information storing means for storing a plurality of kinds of image information;

display-ready video signal generating means for generating a display-ready video signal by combining either of the image pickup signal obtained by said image pickup means or the image pickup signal reproduced from said recording medium by said recording and reproducing means and said image information;

transmitting means for transmitting said display-ready video signal; and

controlling means for controlling said image pickup means, said recording and reproducing means and said display-ready video signal generating means in accordance with any one of a plurality of operation modes; and

wherein said display device includes:

receiving means for receiving said display-ready video signal transmitted from said transmitting means of said video camera; and

displaying means for displaying an image represented by the received display-ready video signal.

35. (Previously Presented) The image pickup system according to claim 34, wherein said video camera and said display device are separate entities.

36. (Previously Presented) The image pickup system according to claim 34, wherein said display device is shaped to be worn on the head of the user.

37. (Previously Presented) The image pickup system according to claim 34, wherein said commander and said video camera are separate entities.

38. (Previously Presented) The image pickup system according to claim 34, wherein said video camera, said display device and said commander are separate entities.

39. (Previously Presented) The image pickup system according to claim 34, wherein a signal transmission is performed by a wireless transmission system between said transmitting means of said commander and said receiving means of said video camera, and between said transmitting means of said video camera and said receiving means of said display device.

40. (Previously Presented) The image pickup system according to claim 34, wherein said image information storing means stores a plurality of kinds of image information constituting a graphic user interface capability.

41. (Previously Presented) The image pickup system according to claim 34, wherein, in accordance with the operation mode, said controlling means controls said display-ready video signal generating means to generate said display-ready video signal by use of different kinds of image information read from said image information storing means and said image pickup signal obtained by said image pickup means.

42. (Previously Presented) The image pickup system according to claim 41, wherein said plurality of operation modes include a standby mode in which images based on the image pickup signals obtained by said image pickup means are displayed on said displaying means but in which said image pickup signals are not recorded to said recording medium, and a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium.

43. (Previously Presented) The image pickup system according to claim 42, wherein at least a part of said image information constitutes a graphic user interface capability which is not used in said recording mode but used in said standby mode.

44. (Previously Presented) The image pickup system according to claim 34, wherein said plurality of operation modes include a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium and an edit mode in which the image pickup signals recorded on said recording medium are edited.

45. (Previously Presented) The image pickup system according to claim 44, wherein at least a part of said image information constitutes a graphic user interface capability which is not used in said recording mode but used in said edit mode.

46. (Previously Presented) The image pickup system according to claim 40, wherein said display-ready video signal generating means generates a pointer constituting part of said graphic user interface capability on the basis of said image information.

47. (Previously Presented) The image pickup system according to claim 46, wherein said controlling means moves said pointer within a frame on the basis of the signal received by said receiving means of said video camera.

48. (Previously Presented) The image pickup system according to claim 46, wherein said commander includes moving state detecting means for detecting self-movements of the commander brought about by the user, and wherein said command information generating means of said commander generates command information based on the movements detected by said moving state detecting means.

49. (Previously Presented) The image pickup system according to claim 47, wherein, upon receipt of a signal including a predetermined command transmitted from said commander, said controlling means moves said pointer only unidirectionally on the basis of the transmitted signal.

50. (Previously Presented) The image pickup system according to claim 34, further comprising holding means for movably holding said video camera.

51. (Previously Presented) The image pickup system according to claim 50, wherein said controlling means of said video camera moves said video camera by controlling said holding means on the basis of the command information from said commander.

52. (Previously Presented) The image pickup system according to claim 34, wherein said plurality of operation modes includes an image pickup mode in which said image pickup means picks up those images of an object which are recorded as image pickup signals to said recording means, and an edit mode in which the image pickup signals recorded earlier to said recording medium in said image pickup mode are edited.

53. (Previously Presented) The image pickup system according to claim 52, wherein said image pickup mode includes a standby mode in which images based on the image pickup signals obtained by said image pickup means are displayed on said displaying means but in which said image pickup signals are not recorded to said recording medium, and a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium.

54. (Previously Presented) The image pickup system according to claim 34, wherein, in accordance with each of said plurality of operation modes, said controlling means accepts a specific part of the information received by said receiving means and ignores the remainder of the received information.

55. (Previously Presented) The image pickup system according to claim 34, wherein said display device includes a microphone for generating an audio signal and transmitting means for transmitting said audio signal.

56. (Previously Presented) The image pickup system according to claim 34, wherein said recording medium is a disk-type storage medium.

57. (Previously Presented) The image pickup system according to claim 34, wherein said commander further includes a microphone for obtaining an audio signal.

58. (Previously Presented) The image pickup system according to claim 34, wherein said video camera further includes an operation mode setting switch for setting one of said plurality of operation modes.

59. (Previously Presented) An image pickup apparatus comprising:
image pickup means for obtaining an image pickup signal by imaging an object;
and
receiving means for receiving a signal which is supplied from an external device and which includes command information; wherein said external device is a commander, shaped so as to be held by a user in one hand, said commander having:
command information storing means for storing a plurality of kinds of command information;

command information generating means for generating a plurality of kinds of command information which correspond to a plurality of different operations performed by a user, the generation of the command information being carried out on the basis of said plurality of kinds of command information which are stored in said command information storing means;

command transmitting means for transmitting said command information as transmitted information;

recording and reproducing means for recording and reproducing said image pickup signal to and from a recording medium;

image information storing means for storing a plurality of kinds of image information; display-ready video signal generating means for generating a display-ready video signal by combining either of the image pickup signal obtained by said image pickup means or the image pickup signal reproduced from said recording medium by said recording and reproducing means and said image information;

signal transmitting means for transmitting said display-ready video signal; and

controlling means for controlling said image pickup means, said recording and reproducing means and said display-ready video signal generating means in accordance with any one of a plurality of operation modes.

60. (Previously Presented) The image pickup apparatus according to claim 59, wherein said receiving means receives the signal transmitted over a wireless transmission line.

61. (Previously Presented) The image pickup apparatus according to claim 59, wherein said image information storing means stores a plurality of kinds of image information constituting a graphic user interface capability.

62. (Previously Presented) The image pickup apparatus according to claim 59, wherein, in accordance with the operation mode, said controlling means controls said display-ready video signal generating means to generate said display-ready video signal by use of different kinds of image information read from said image information storing means and said image pickup signal obtained by said image pickup means.

63. (Previously Presented) The image pickup apparatus according to claim 59, wherein said plurality of operation modes include a standby mode in which images based on the image pickup signals obtained by said image pickup means are displayed on said displaying means but in which said image pickup signals are not recorded to said recording medium, and a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium.

64. (Previously Presented) The image pickup apparatus according to claim 63, wherein at least a part of said image information constitutes a graphic user interface capability which is not used in said recording mode but used in said standby mode.

65. (Previously Presented) The image pickup apparatus according to claim 59, wherein said plurality of operation modes include a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium and an edit mode in which the image pickup signals recorded on said recording medium are edited.

66. (Previously Presented) The image pickup apparatus according to claim 65, wherein at least a part of said image information constitutes a graphic user interface capability which is not used in said recording mode but used in said edit mode.

67. (Previously Presented) The image pickup apparatus according to claim 59, wherein said display-ready video signal generating means generates a pointer constituting part of said graphic user interface capability on the basis of said image information.

68. (Canceled)

69. (Canceled)

70. (Previously Presented) The image pickup apparatus according to claim 67, wherein said controlling means moves said pointer within a frame on the basis of the signal received by said receiving means.

71. (Previously Presented) The image pickup apparatus according to claim 70, wherein, after said receiving means has received a signal including a predetermined command transmitted from said external device, said controlling means moves said pointer only unidirectionally on the basis of the transmitted signal.

72. (Previously Presented) The image pickup apparatus according to claim 59, wherein said plurality of operation modes include an image pickup mode in which said image pickup means picks up those images of an object which are recorded as image pickup signals to said recording means, and an edit mode in which the image pickup signals recorded earlier to said recording medium in said image pickup mode are edited.

73. (Previously Presented) The image pickup apparatus according to claim 72, wherein said image pickup mode includes a standby mode in which images based on the image pickup signals obtained by said image pickup means are displayed on said displaying means but in which said image pickup signals are not recorded to said recording medium, and a recording mode in which the images based on said image pickup signals obtained by said image pickup means are displayed on said displaying means and in which said image pickup signals are recorded to said recording medium.

74. (Previously Presented) The image pickup apparatus according to claim 59, wherein, in accordance with each of said plurality of operation modes, said controlling means accepts a specific part of the information received by said receiving means and ignores the remainder of the received information.

75. (Previously Presented) The image pickup apparatus according to claim 59, wherein said recording medium is a disk-type storage medium.

76. (Previously Presented) The image pickup apparatus according to claim 59, further comprising an operation mode setting switch for setting one of said plurality of operation modes.